

### III. SHRUBLAND

#### III.B.2.N.a. Temperate cold-deciduous shrubland

Hopewell Furnace name: Successional Scrub–Shrub (Powerline Right-of-Way Corridor)

(No assigned NVCS alliance; Park-specific type)

#### III.B.2.N.e. Seasonally flooded cold-deciduous shrubland

##### III.B.2.N.e.3. *CEPHALANTHUS OCCIDENTALIS* SEASONALLY FLOODED SHRUBLAND ALLIANCE

Buttonbush Seasonally Flooded Shrubland Alliance

Hopewell Furnace name: [Buttonbush Wetland](#)

**Concept:** Vegetation in this alliance occurs in seasonally flooded basins in which the water level generally is beneath the soil surface by the end of the growing season. *Cephalanthus occidentalis* is the dominant species. Herbaceous species that may be present include *Carex striata*, *Glyceria* spp., *Polygonum amphibium*, and *Panicum verrucosum*. This alliance is distributed in the Coastal Plain in Maryland and Virginia and possibly along the Atlantic north to Massachusetts, the Interior Low Plateau of Tennessee, and possibly adjoining states; it also occurs in California. This alliance includes shrub vegetation of ponds over fragipan soils in southeastern central Tennessee. **Comments:** This alliance needs resolution against III.B.2.N.f *Cephalanthus occidentalis* Semipermanently Flooded Shrubland Alliance (A.1011), which is distributed throughout the Southeast and the Midwest. This description is based primarily upon information from California examples of the alliance. Further documentation and description of the alliance from other portions of its range are needed.

**Range:** This alliance is distributed in the coastal plain in Maryland and Virginia and possibly along the Atlantic north to Massachusetts, the Interior Low Plateau of Tennessee, and possibly adjoining states; it also occurs in California. This alliance includes shrub vegetation of ponds over fragipan soils in southeastern central Tennessee. In California, this alliance occurs in seasonally flooded basins throughout the inner northern and central Coast Ranges, the foothills of the Klamath, Cascade, and Sierra Nevada mountains, and in the Great Central Valley.

**States/Provinces:** AL? CA DE GA IL IN KY MA? MD MO MS? RI? TN VA

**Federal Lands:** DOD (Arnold, Fort Benning); USFS (George Washington, Mark Twain); USFWS (Felsenthal, Pond Creek)

**Synonymy:** Buttonbush Scrub, in part (Holland 1986b)

**References:** Holland 1986b, Sawyer and Keeler-Wolf 1995, Sneddon 1994

**Authors:** ECS, MOD. M. SCHINDEL, MP, East

**Identifier:** A.988